

WHAT IS CLAIMED IS:

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1. A ^{homo}conjugate of two or more monoclonal antibodies, wherein the ^{homo}conjugate comprises a monoclonal antibody that does not comprise an Fc region.
 2. The ^{homo}conjugate of claim 1, wherein no monoclonal antibody comprised in the ^{homo}conjugate comprises an Fc region.
 3. The conjugate of claim 1, wherein the conjugate comprises a monoclonal antibody that asserts anti-neoplastic activity in a conjugated form.
 4. The ^{homo}conjugate of claim 3, wherein the ^{homo}conjugate comprises an anti-CD19, anti-CD20, anti-CD21, anti-CD22, anti-breast tumor, anti-ovarian tumor, anti-prostate tumor, anti-lung tumor, or anti- α Her2 monoclonal antibody.
 5. The ^{homo}conjugate of claim 3, wherein the ^{homo}conjugate comprises an anti-Her2 monoclonal antibody.
 6. The conjugate of claim 1, wherein the conjugate comprises a monoclonal antibody that asserts substantially no anti-neoplastic activity in an unconjugated form.
- Ant B²*
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- Ant B³*
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Antib B3 7. The conjugate of claim 1, wherein the antibodies are conjugated via hypercrosslinking.

B 8. ^{homo} The conjugate of claim 1, wherein the ^{homo} conjugate comprises a monoclonal antibody that is an IgG monomer.

Antib B4 9. The conjugate of claim 1, wherein the IgG is a mammalian IgG.

B 10. The conjugate of claim 1, wherein the conjugate is a homoconjugate.

Antib B5 11. A method of making a conjugate of two or more monoclonal antibodies, wherein the conjugate comprises a monoclonal antibody that does not comprise an Fc region, comprising:

15 obtaining a first monoclonal antibody that does not comprise an Fc region;

obtaining a second monoclonal antibody; and

conjugating the first monoclonal antibody to the second monoclonal antibody.

B 12. The method of claim 11, wherein no monoclonal antibody comprised in the ^{homo} conjugate comprises an Fc region.

13. The method of claim 11, wherein the first monoclonal antibody is a monoclonal antibody that asserts anti-neoplastic activity in a conjugated form.
- 5 14. The method of claim 11, wherein the second monoclonal antibody is a monoclonal antibody that asserts anti-neoplastic activity in a conjugated form.
15. The method of claim 11, wherein both the first monoclonal antibody and the second monoclonal antibody are a monoclonal antibodies that assert anti-neoplastic activity in a conjugated form.
- 10 16. The method of claim 14, wherein the second monoclonal antibody is an anti-CD19, anti-CD20, anti-CD21, anti-CD22, anti-breast tumor, anti-ovarian tumor, anti-prostate tumor, anti-lung tumor, or anti- α Her2 monoclonal antibody.
- 15 17. The method of claim 14, wherein the second monoclonal antibody is an anti-Her2 monoclonal antibody.
- 20 18. The method of claim 11, wherein the first monoclonal antibody is a monoclonal antibody that asserts substantially no anti-neoplastic activity in an unconjugated form.

19. The method of claim 11, wherein the second monoclonal antibody is a monoclonal antibody that asserts substantially no anti-neoplastic activity in an unconjugated form.

5 20. The method of ~~claim~~ 11, wherein both the first monoclonal antibody and the second monoclonal antibody are monoclonal antibodies that assert substantially no anti-neoplastic activity in an unconjugated form.

10 21. The method of claim 11, wherein the antibodies are conjugated via hypercrosslinking.

22. The method of claim 11, wherein the ^{homo}conjugate comprises a monoclonal antibody that is an IgG monomer.

15 23. The method of claim 11, wherein the ^{homo}conjugate comprises a mammalian monoclonal antibody.

24. The method of claim 11, wherein the conjugate is a homoconjugate.

20 25. The method of claim 11, further consisting of:
obtaining a third monoclonal antibody; and

~~conjugating~~ ^{homo}conjugating the third monoclonal antibody to the conjugate.

26. A method of signaling an anti-neoplastic activity comprising:
obtaining a conjugate of two or more monoclonal antibodies, wherein the conjugate
comprises a monoclonal antibody that does not comprise an Fc region and wherein
the conjugate comprises a monoclonal antibody that asserts anti-neoplastic activity
in a conjugated form; and
contacting a neoplastic cell with the conjugate.
27. The method of claim 26, wherein the conjugate comprises a monoclonal antibody
that signals growth arrest.
28. The method of claim 27, wherein the conjugate comprises a tumor reactive
monoclonal antibody.
29. The method of claim 28, wherein the conjugate comprises an anti-CD19, anti-
CD20, anti-CD21, anti-CD22, anti-breast tumor, anti-ovarian tumor, anti-prostate
tumor, anti-lung tumor, or anti- α Her2 monoclonal antibody.
30. A method of detecting the presence of a neoplastic disease comprising:
contacting a biological sample suspected of comprising a neoplastic antigen with a
conjugate comprising a monoclonal antibody; and
screening for an immunological reaction.

31. The method of claim 30, wherein the first monoclonal antibody is a monoclonal antibody that asserts anti-neoplastic activity in a conjugated form.
- 5 32. The method of claim 30, wherein the second monoclonal antibody is a monoclonal antibody that asserts anti-neoplastic activity in a conjugated form.
33. The method of claim 30, wherein both the first monoclonal antibody and the second monoclonal antibody are monoclonal antibodies that assert anti-neoplastic activity
- 10 in a conjugated form.
34. The method of claim 30, wherein the second monoclonal antibody is an anti-CD19, anti-CD20, anti-CD21, anti-CD22, anti-breast tumor, anti-ovarian tumor, anti-prostate tumor, anti-lung tumor, or anti- α Her2 monoclonal antibody.
- 15 35. The method of claim 30, wherein the second monoclonal antibody is an anti-Her2 monoclonal antibody.
36. The method of claim 30, wherein the first monoclonal antibody is a monoclonal
- 20 antibody that asserts substantially no anti-neoplastic activity in an unconjugated form.

37. The method of claim 30, wherein the second monoclonal antibody is a monoclonal antibody that asserts substantially no anti-neoplastic activity in an unconjugated form.

5 38. The method of claim 30, wherein both the first monoclonal antibody and the second monoclonal antibody are monoclonal antibodies that assert substantially no anti-neoplastic activity in an unconjugated form.

10 39. The method of claim 30, wherein the antibodies are conjugated via hypercrosslinking.

40. The method of claim 30, wherein the conjugate comprises a monoclonal antibody that is an IgG.

15 41. The method of claim 30, wherein the conjugate comprises a mammalian antibody.

42. The method of claim 30, wherein the conjugate is a homo-conjugate.

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20 43. A pharmaceutical composition comprising a ^{homo}conjugate comprising a monoclonal antibody and a pharmaceutically acceptable carrier.

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44. The pharmaceutical composition of claim 43, wherein no monoclonal antibody comprised in the conjugate comprises an Fc region.

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45. The pharmaceutical composition of claim 43, wherein the conjugate comprises a monoclonal antibody that asserts anti-neoplastic activity in a conjugated form.

46. The pharmaceutical composition of claim 43, wherein the monoclonal antibody is an anti-CD19, anti-CD20, anti-CD21, anti-CD22, anti-breast tumor, anti-ovarian tumor, anti-prostate tumor, anti-lung tumor, or anti- α Her2 monoclonal antibody.

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47. The pharmaceutical composition of claim 43, wherein the monoclonal antibody is an anti- α Her2 monoclonal antibody.

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48. The pharmaceutical composition of claim 43, wherein the monoclonal antibody is a monoclonal antibody that asserts substantially no anti-neoplastic activity in an unconjugated form.

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49. The pharmaceutical composition of claim 43, wherein the antibodies are conjugated via hypercrosslinking.

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12 50. The pharmaceutical composition of claim 43, wherein the ^{homo}conjugate comprises a monoclonal antibody that is an IgG monomer.

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homo

The pharmaceutical composition of claim 43, wherein the conjugate comprises a mammalian monoclonal antibody.

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52. The pharmaceutical composition of claim 43, wherein the conjugate is a homoconjugate.

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